

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET

(pursuant to Nevada Administrative Code 445A.236)

Permittee Name: Robinson Nevada Mining Company
P. O. Box 382
Ruth, Nevada, 89319

Permit Number: NEV94013

Location: Robinson Operation
4232 W. White Pine County Road 44
Ruth, White Pine County, Nevada 89319

Township 16N, Range 62E, Section 8

Location of Tailings Impoundment:

Latitude: 39° 13' 45" N

Longitude: 115° 02' 56" W

Wellhead Protection Program:

The facility is not within a wellhead protection program capture zone. The facility is not within a 7000 foot public water supply buffer zone.

General:

Robinson Nevada Mining Company, a subsidiary of Quadra Mining Ltd., operates the Robinson Operation, a copper mine with associated processing facilities, near Ruth, White Pine County, Nevada. Domestic wastewater is collected from restrooms and showers located around the mine site. At the maximum workforce size of 460 persons, the maximum estimated wastewater flow from the sanitary facilities is 14,225 gallons per day (approximately 9.9 gallons per minute).

Collected effluent is routed to a 15,000 gallon settling tank for primary settling/treatment. Settled effluent flows to a float-level controlled pumping chamber (wet well), from which it is pumped to a tailings impoundment via existing tailings slurry delivery pipelines. The effluent co-mingles with the liquid portion of the tailings (approximately 11,000 gallons per minute) within the tailings delivery system.

Once in the tailings impoundment, the tailings are deposited in such a manner that the solid and liquid phases of the slurry separate, and the liquid phase collects in a pooling area behind the impoundment dam. The collected supernatant, with its minor amount of sanitary wastewater effluent, is reclaimed and pumped back into the mill for reuse as makeup water within the milling operations

Because the reclaimed water (of which less than 0.1% is sanitary wastewater effluent) is used in areas of the milling operation where personnel could have contact with it, NDEP requires weekly monitoring for Fecal Coliform Bacteria. To protect the health of the workforce, in the event that

Fecal Coliform exceeds the 30-Day Average or Daily Maximum permit limit of 2.2 or 23 Colony Forming Units (CFU) or Most Probable Number (MPN) per 100 ml, respectively, the Permittee shall cease the use of reclaim water until the reclaim water meets permit limits.

Receiving Water Characteristics:

Discharge of treated effluent will be to a tailings impoundment facility. This is a zero discharge facility. Effluent will not contact waters of the State of Nevada. Operation of the tailings impoundment is administered under NDEP Bureau of Mining Regulation and Reclamation Permit NEV92105.

Discharge Flow and Characteristics:

Monitoring data and the renewal application indicate the following flow characteristics and quality:

PARAMETER	30-DAY AVERAGE	DAILY MAXIMUM
Flow (gallons/day)	10,000	86,000
Fecal Coliform (MPN/100 ml)	<2	4

Proposed Effluent Limitations and Special Conditions:

The following permit limitations and monitoring requirement shall apply:

PARAMETER	PERMIT LIMITS		MONITORING REQUIREMENTS	
	30-Day Average	Daily Maximum	Sample Location	Measurement Frequency
Flow (gpd)	15,000	Monitor and Report	Pump Timers	Monthly
Fecal Coliform (CFU or MPN/100 ml)	2.2	23	Mill Reclaim Water Source*	Weekly

* If no reclaim water is used for the reporting month, report "No reclaim water used" on Discharge Monitoring Report.

Schedule of Compliance:

The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Administrator, including in said implementation and compliance any additions or modifications that the Administrator may make in approving the schedule of compliance.

Rationale for Permit Requirements:

Permit limits and monitoring requirements are proposed to preserve human health.

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to operate the zero-discharge facility subject to the conditions contained within the permit is being sent to the **Ely Daily Times** and the **Las Vegas Review Journal** for publication. The notice is also being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator. The deadline at the Division for the receipt of all comments pertaining to this public notice period is **5:00 PM, February 12, 2007.**

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons. The request must be filed within the comment period, and must indicate the interest of the person filing the request and the reasons why a hearing is warranted.

Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determines to be appropriate. All public hearings must be conducted in accordance with NAC 445A.238

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to Nevada Revised Statutes (NRS) 445A.605.

Proposed Determination:

The Division has made the tentative determination to renew the proposed permit for a period of five (5) years, subject to limitations and requirements specified therein.

Prepared by: Janine Hartley
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